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01-31-2008  
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<b><u>wn – Wireless Networks</u></b>		
<b><u>wn-I - Licensed</u></b>		
<b><u>Manufacturer</u></b>	<b><u>Product</u></b>	<b><u>Technology</u></b>
ADC	Digivance LRCS	800 & 1900 MHz
AirNet	GSM BSS <sup>(1)</sup>	GSM
Airspan Networks	ASWipLL 700 <sup>(7)</sup>	Broadband
AIRAYA Corp	WirelessGRID Bridge Series (AI108-4958-XX <sup>(19)</sup> )	PTP, PTMP 4.940-4.990 GHz
Alcatel-Lucent	CDMA/CDMA2000 Flexent® Network Solution <sup>(24)</sup>	CDMA
DragonWave, Inc.	AirPair 50 & 100 Wireless Ethernet Bridges	18 & 23 GHz
Exalt Communications	4.9i EX-4.9r/EX-4.9r-c	PTP (4.9GHz)
iDirect Technologies <sup>(14)</sup>	Hub & NetModem II Plus 3000 Series router	VSAT
interWAVE	GSM Network <sup>(2)</sup>	GSM
IPWireless (Nextwave) (Non-Domestic Technical Acceptance expires on <u>01/17/2010.</u> )	V4 NodeB V5 NodeB 1xCNI, 3xRNI (Ethernet) P1D modem PCMCIA modem	TD-CDMA
MDS	MDS LEDR700	746-794 MHz
	MDS LEDR900 932.5	960 MHz
Motorola	MotoMesh <sup>(15)</sup> (4.9 GHz)	MEA (public safety)
Navini Networks <sup>TM</sup>	Ripwave <sup>TM</sup> <sup>(6)</sup>	Broadband
NextNet Wireless	Expedience® BWAS <sup>(5)</sup>	Broadband
RAD Data Communications	AirMux 200 <sup>(13)</sup>	PTP
SOMA Networks	SoftAir System <sup>(12)</sup>	PTMP
Vcom	700 MHz BWIN <sup>TM</sup> <sup>(3)</sup>	Broadband
Vyyo	700 MHz System <sup>(8)</sup>	Broadband
ZTE USA Inc. (Non-Domestic Technical Acceptance expires on <u>10/26/2008.</u> )	CDMA 2000 1x EV/DO (Rev A)	CDMA
See pages 5.4.2 and 5.4.3 for notes.		

<b>wn-u – Unlicensed</b>		
<b>Manufacturer</b>	<b>Product</b>	<b>Technology</b>
ADTRAN	TRACER Series	Microwave 2.4 & 5.8 GHz
Alvarion	BreezeACCESS <sup>®(9)</sup> BreezeNET <sup>®(10)</sup>	Broadband
Airspan Networks <sup>(7)</sup>	ASWipLL 900 ASWipLL 2.4 ASWipLL 5.8 AS3030 IP + TDM AS3030 IP	PTP, PTMP
	MicroMAX <sup>(23)</sup>	5.8 GHz
AIRAYA Corp	WirelessGRID Bridge Series (AI108-4958-XX <sup>(19)</sup> )	PTP, PTMP 5.25-5.85 GHz
DigitalPath <sup>™</sup>	DenseNode <sup>™</sup> & BroadNode <sup>™</sup>	PTP, PTMP 2.4, 5.3, 5.5 or 5.8GHz
Exalt Communications	EX-2.4i-16 EX-2.4i	PTP (2.4 GHz)
	EX-5i-16 EX-5i EX-5r/EX-5r-c	PTP (5.3, 5.7, 5.8 GHz)
Go Networks	Broadband Wireless Cellular- Mesh Wi-Fi Base Stations <sup>(22)</sup>	PTP, PTMP (2.4 & 5.8 GHz)
MDS	MDS iNET & iNEII	902-928 MHz
	MDS Series Five Transceivers	5.3 or 5.8GHz
Motorola	Canopy <sup>™</sup> Platform <sup>(4)</sup>	Broadband
	MotoMesh <sup>(15)</sup> (2.4 GHz)	MEA (WiFi)
Navini Networks <sup>™</sup>	Ripwave <sup>™(6)</sup>	Broadband
Nortel Networks	Wireless Mesh Network <sup>17</sup>	PTP, PTMP (2.4 & 5.8 GHz)
	BTS 1060 <sup>(23)</sup>	5.8 GHz, 2.4 GHz
Proxim	Tsunami MP.11 <sup>(18)</sup>	PTP, PTMP (5 GHz)
RAD Data Communications	AirMux 200 <sup>(13)</sup>	PTP
Redline Communications	AN30e and AN50e (Includes RedAccess)	PTP, PTMP (5.4 & 5.8 GHz)
Strix Systems	Access/One <sup>®</sup> OWS/IWS <sup>(21)</sup>	Mesh, PTP, PTMP (IEEE 802.11a/b/g)
Trango <sup>(20)</sup>	Access5830 Atlas Series FOX5800 FOX5580 FOX5300	PTP, PTMP (5.8/5.3 & 2.4 GHz, 900 MHz)
WaveIP	GigAccess <sup>(16)</sup> (Includes OFDM units)	PTP, PTMP
WaveRider	LMS4000 900 MHz <sup>(11)</sup>	Broadband
<b>See pages 5.4.2 and 5.4.3 for notes.</b>		

**5.4.2**  
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**Notes:**

1. Includes AdaptaCell BTS 3000, AirSite BS, BSC 3000, TRAU, and AirNet OMC-R.
2. Includes WAVEXchange MSC, WAVETransit, WAVEXpress BSC and BTS, and NIB.
3. Accepted the 700 Broadband Wireless Internet (BWIN™) system based on the Data Over Cable System Interface Specification (DOCSIS). This system must be a complete system end-to-end system from base station to the cable modem.
4. Accepted the 900 MHz, 2.4, 5.2 and 5.7 GHz wireless systems based on the Canopy™ Platform. Acceptance includes Canopy Advantage and Canopy Lite Subscriber Module units, bundle packs, Demo & Starter Kits. Manufacturer's recommended shielded cables are acceptable for this platform's use only.
5. Accepted the 2.5 GHz and 3.5 GHz Broadband Wireless Access System (BWAS) based on the Expedience® Platform.
6. Accepted Wide Area Broadband Networks in unlicensed 2.4 GHz ISM band, or the licensed 2.3 GHz WCS, 2.5/2.6 GHz ITFS/MMDS bands.
7. Accepted 700 MHz, 900 MHz, 2.4GHz, 5.4 GHz, and 5.8 GHz with a network management platform (WipManage).
8. The system accepted consists of the following units: V3000, V700DT, V700BAM, V389D, V284, V280, V300, V313, V290UA, V7027PS, V700Y, and V700T.
9. Includes the BreezeACCESS II, BreezeACCESS 900, and BreezeACCESS VL. The BreezeACCESS VL is available in the 5.725-5.850, 5.47-5.725, 5.15-5.35, 5.03-5.091bands, and includes the following customer premises equipment: SU-A -ff-3-1D-VL , SU- A-ff-6-1D-VL , SU- A-ff-6-BD-VL, and SU- A-ff-54-BD-VL. The BreezeACCESS 900 operates in the 902-928 MHz ISM band and includes the following CPU equipment: the SU-I-1D900, and SU-M5-900-8D units. The BreezeACCESS II operates in the ISM 2.400-2.4835 GHz band and includes the following CPU equipment: SU-A , SU-RA, SU-E, SU-RE, SU-A-1d-2.4, SU-A-BD-2.4, SU-A-1D1V-2.4, SU-A-BD1V-2.4, SU-E-1D-2.4, SU-E-BD-2.4, SE-1D1V-2.4, SU-E-BD-1V-2.4, SU-ID-1D -2.4, SU-ID-BD-2.4, SU-R, and SU-M5-2.4.
10. Includes the BreezeNET® B, BreezeNET® CX, and BreezeNET® SU-M. The BreezeNET® B operates in the 5.72-5.850, 5.47-5.75, and 5.1-5.35 GHz bands. The BreezeNET® CX operates in the 2.4-2.4835 ISM frequency band. BreezeNET® SU-M operates in the 2,400-2.4835 and 902-928 GHz bands.
11. Accepted CCU3000 base station, NCL1900 base station, EUM3005 indoor modem, EUM3006 outdoor modem, MMT9000 mobile terminal, and 902-928 MHz Bandpass Cavity Filters.
12. Includes NPM Platform, SOMAPort models, Voice Software Systems (AMOS), and frequencies: 700 MHz, PCS (1.9 GHz), WCS (2.3 GHz), MMDS (2.6 GHz), and 3.5 GHz.
13. Accepted 5.8 GHz (5.725–5.850 GHz), 5.4 GHz (5.470–5.725 GHz), 5.3 GHz (5.250–5.350GHz), 4.9 GHz (4.940–4.990 GHz), and 2.4 GHz (2.400–2.4835 GHz)

**5.4.3**  
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**Notes:**

14. Only manufacturer recommended third party vendors are acceptable for deployment of these listed materials.
15. Includes IAP7300, EWR7300, VMM6300, VMM7300, WMC6300, WMC7300, Mobile Switching Controller, and Mesh Manager EMS.
16. Includes GA 2.4 GHz, GA 900 MHz, GA OFDM 700 MHz, GA OFDM 900 MHz, GA OFDM 5.8 GHz, and Network Management System.
17. Includes the Wireless Gateway 7250, Wireless Bridge 7230, and the Wireless Access Points 7215 and 7220.
18. Includes the 5054-BSUR-LR-US, 5054-SUR-LR-US; 5054-SUA-LR-US, and the 5054-QB-LR-US.
19. XX identifies various models / configurations accepted.
20. Accepted M5830S-AP-60, M5830S-AP-EXT, M5580-FSU, M5800S-FSU, M5300S-FSU, M5830S-SU, M5830S-SU-EXT, M2400S-AP, M2400S-SU, M900S-AP, M900S-SU, M915S-SU-EXT, ATLAS5010-INT, ATLAS5010-EXT, TLINK-10, TLINK-10-EXT.
21. The equipment consists of several modules: Base, Client Connect, Network Connect, Antenna, and Network Server. The listing includes the Outdoor Wireless System 2400 Series (2400-10, 2400-20, and 2400-30), 3600 Series(3600-20 and 3600-30), OWS Network Servers (OWS-Ns8, OWS-NS24, and OWS-NS48), and EDGE Wireless System -100 (EWS-100), OWS accessories. The EWS is for indoor use.
22. The listing includes the MBW WLS 2000 (with the WLS 2100 Micro Cellular-Mesh Wi-Fi Sector Base Station,) MBW WLP 1000 (with the WLP 1100 Pico Cellular-Mesh Wi-Fi Base Station,) MBW WNC Wireless Network Controller (Base Station Controller,) MBW Wireless Media Gateway, power supply, antennas (ANT-4047S and 5810 X2,) and miscellaneous hardware.
23. Includes subscriber terminals EasyST and ProST. Products are not WiMAX certified, but are in queue with the WiMAX Forum as of 2007 (contact RUS for details).
24. Includes Mobile Switching Center (MSC), Modular Cell 4.0B (includes Compact version), CDMA2000® 1xEV-DO (up to Rev. A), CDMA450 Modcell 4.0 – Compact.